

**In the Claims:**

Please amend the claims as follows:

1. (Currently Amended) ~~Washing~~ A washing apparatus comprising:
  - a First Region [(1)], to which a wash material [(4)] is supplied,
  - a Second Region [(2)], in which the wash material [(4)] is washed, and
  - a Third Region [(3)], in which the wash material [(4)] is melted, andalso
  - a flow resistance [(6)] provided between the Second Region [(2)] and the Third Region [(3)],

wherein the Second Region[(2)] is at least partially in the form of a column[(2a)] and wherein this column has a diameter of at least about 300 mm or greater.

2. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 1, wherein the flow resistance is arranged ~~non-rotatably~~ non-rotatable about a central longitudinal axis [(5)] of the Second Region [(2)].

3. (Currently Amended) ~~Washing~~ The washing apparatus according to claim [1 or]2, wherein there is provided between the First Region [(1)] and the Second Region [(2)] a solid/liquid separation apparatus, ~~preferably a filter (7)~~, having a filtrate offtake line [(8)].

4. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 3, wherein the solid/liquid separation apparatus is in the form of a filter [(7)] in a wall [(9)] adjacent to the Second Region[(2)].

5. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 4, wherein the wall [(9)] is arranged at an angle  $\alpha$  in the range from  $[>]0$  [and] to  $[<]$ less than about  $90^\circ$ , relative to the central longitudinal axis [(5)].

6. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 4 ~~any one of the preceding claims~~, wherein the flow resistance [(6)] has at least one opening [(10)].

7. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 1 ~~any one of the preceding claims~~, wherein the flow resistance [(6)] is ~~characterised~~ characterized by a relative free cross-sectional area in the range from [>] 0 to [<] less than about 100 %, relative to the total area of the flow resistance.

8. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 7, wherein the free cross-sectional area is variable.

9. (Currently Amended) ~~Washing~~ The washing apparatus according to ~~one of~~ claims claim 7 [and 8,] wherein the flow resistance [(6)] can be tempered.

10. (Currently Amended) ~~Washing~~ The washing apparatus according to ~~one of~~ the preceding claims, claim 4 wherein a conveying means [(61)] free of pulsation is provided upstream of the First Region [(1)] or at least partially in the First Region.

11. (Currently Amended) ~~Washing~~ The washing apparatus according to claim 10, wherein the conveying means [(61)] free of pulsation has a conveyor spiral [(61)].

12. (Cancelled)

13. (Currently Amended) ~~Purification~~ A purification apparatus comprising a crystal-producer [(13)] that is connected in a crystal-carrying way with the First Region [(1)] of a washing apparatus comprising:

- a First Region [~~(1)~~], to which a wash material [~~(4)~~] is supplied,
- a Second Region [~~(2)~~], in which the wash material [~~(4)~~] is washed, [and]
- a Third Region [~~(3)~~], in which the wash material [~~(4)~~] is melted, and [also]
- a flow resistance [~~(6)~~] provided between the Second Region [~~(2)~~] and the Third Region [~~(3)~~].

14. (Currently Amended) ~~Purification~~ The purification apparatus according to claim [12 or] 13, wherein a dwell-time container [(49)] is provided between the crystal-producer [(13)] and the washing apparatus.

15. (Currently Amended) ~~Synthesis~~ A synthesis device comprising a synthesis installation [(14)] and downstream a purification apparatus as defined in ~~one of claims 12 to 14~~ claim 13.

16. (Currently Amended) ~~Synthesis~~ The synthesis device according to claim 15, wherein the synthesis installation [(14)] is a gaseous phase oxidation synthesis unit.

17. (Currently Amended) ~~Method~~ A method of purifying a wash material, wherein the wash material is supplied by way of the First Region [(1)] of a washing apparatus defined in ~~one of claims~~ claim 1 [to 11] and a target product is obtained.

18. (Currently Amended) ~~Method~~ The method according to claim 17, wherein the wash material contains at least about 20 % of the target product by weight.

19. (Currently Amended) ~~Use of the target product, obtainable by a method according to claim 17 or 18 in the production of~~ A product selected from the group consisting of food, polymers, fuels, lubricants, cleaning agents, dyes [or]and pharmaceuticals comprising target product made by the method of claim 17.

20. (Currently Amended) ~~Use of a washing apparatus according to one of claims 1 to 11 or of a purification apparatus according to claim 12 or 13 in the purification of target products such as~~ A product selected from the group consisting of food, monomers, fuels, solvents; or in waste-water treatment; or in and isomer separation prepared by a purification apparatus of claim 13.